BELKIN. Connecting people

INTRODUCTION

Enable wireless and wireless security on your Belkin VoIP modem/router.

APPLIES TO:

• F1PI241EGau



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Before you begin:

You will need:

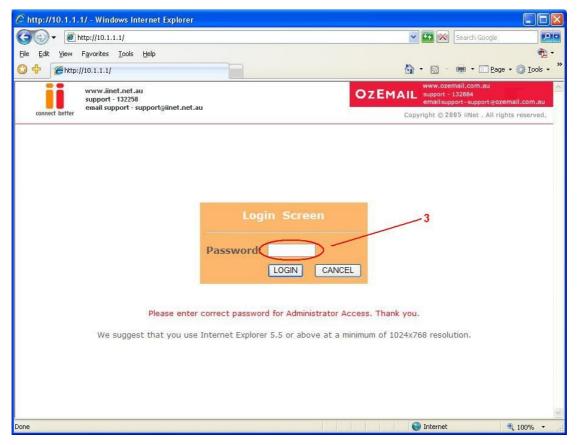
- Belkin Wireless / VoIP unit
- Power cable
- Network cable

Hardware check:

- Your computer is switched on
- The Wireless / VoIP unit is switched on (power switch at rear)
- Network cable connected from computer to the Wireless / VoIP unit

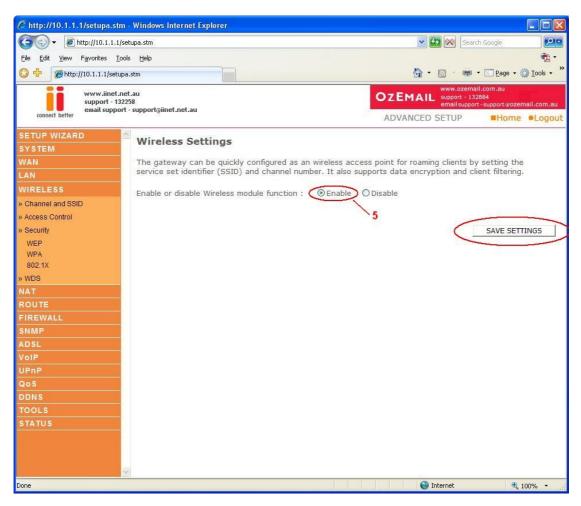
STEPS:

- 1) Open your web browser (Internet Explorer, Mozilla FireFox, Safari etc)
- 2) In the Address Bar, delete any text and type in **10.1.1.1** or <u>click here</u> to open the page directly



- 3) Type in your current password (default password = admin) then click LOGIN
- 4) On the left hand side of the screen click Advanced Setup

5) You will now be presented with more options in the menu on the left. Click **Wireless** then click **Enable Wireless Function** and click **Save Settings**



Wireless is now enabled. We strongly recommend that you setup Wireless Security to help protect your wireless network against unauthorised use.

If you like to setup Wireless Security, please follow the steps on the following page.

WIRELESS SECURITY INFORMATION

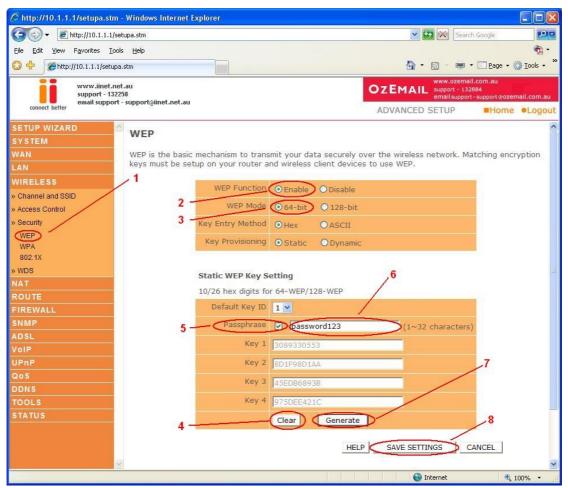
Encryption Type	Pros	Cons	Recommended usage
64 Bit WEP	Most compatible form of encryption Easy to setup and manage	Least secure	Older computers and wireless adapters (Windows 98/ME/2000 &/or 802.11b Wireless Cards) Home users
128 Bit WEP	More secure than 64 Bit, yet still widely supported by wireless cards	Long network key (26 Characters)	Apple Macintosh/Office use
WPA	Easy to setup and most secure form of encryption	Limited support	Windows XP (Service Pack 2) Later model wireless cards

Click the type of security you wish to setup:-

- 1) <u>64 Bit WEP</u>
- 2) <u>128 Bit WEP</u>
- 3) <u>WPA</u>

64 Bit WEP:-

- 1) Under Wireless click WEP
- 2) Click Enable for WEP Function
- 3) Click 64 Bit for WEP Mode leave all other settings as default
- 4) Under Key 4 field, click the Clear button
- 5) Place a tick in the Passphrase field
- 6) In the space provided in Passphrase, create a passphrase this can be any combination of letters and numbers



7) Click Save Settings

8) Now click WEP again

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connect better	9973 X			ŀ	ADVANCED SETUP	Home Logout
SETUP WIZARD	WEP					^
WAN LAN	WEP is the basic mec keys must be setup of				the wireless network. Muse WEP.	Matching encryption
WIRELESS		WEP Function	• Enable	Disable		
» Channel and SSID		WEP Mode	€ 64-bit	🔾 128-bit		
» Access Control » Security	You					
WEP		Entry Method		OASCII		
WPA	K	ey Provisioning	⊙ Static	ODynamic		
802.1X						
» WDS	Sta	ntic WEP Key Se	etting			
ROUTE	10/	26 hex digits fo	r 64-WEP/128	-WEP		
FIREWALL		Default Key ID	1 🗸			
SNMP		Passphrase	passwoi	d123	(1~32 character	re)
ADSL				0125	(1.452 character	
VolP	9	Key 1	3089330553		\rightarrow	
UPnP		Key 2	8D1F98D1AA	£		
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9) Write down the characters in Key 1 – this is now your 'Network Key' or 'Encryption Key'

NB. There are ten (10) characters in total.

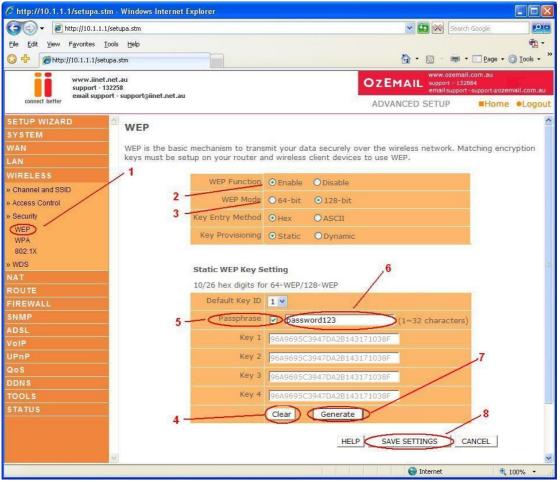
This is the 'key' that will be required to be entered on your wireless PC. When you setup your wireless adapter, it will ask you to type in a 'Network Key' or 'Encryption Key'.

10) 64 Bit WEP is now enabled.

Click here for information on how to connect to the Wireless Network.

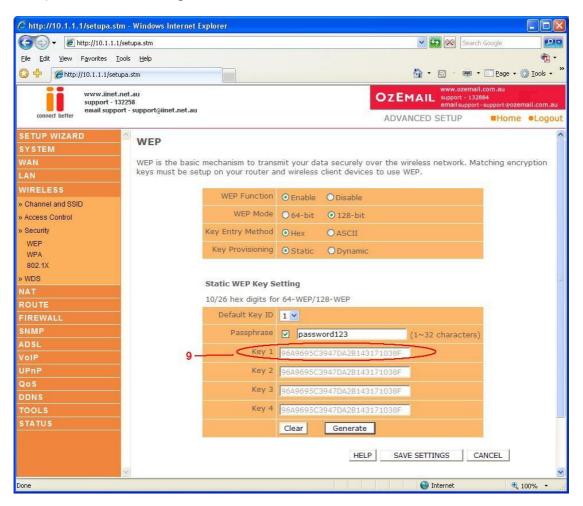
128 Bit WEP:-

- 1) Under Wireless click WEP
- 2) Click Enable for WEP Function
- 3) Click 128 Bit for WEP Mode leave all other settings as default
- 4) Under Key 4 field, click the Clear button
- 5) Place a tick in the Passphrase field



- 6) In the space provided in Passphrase, create a password this can be any combination of letters and numbers
- 7) Click Save Settings

8) Now click WEP again



9) Write down the characters in Key 1 – this is now your 'Network Key' or 'Encryption Key'
NP. There are twenty six (26) characters in total

NB. There are twenty six (26) characters in total.

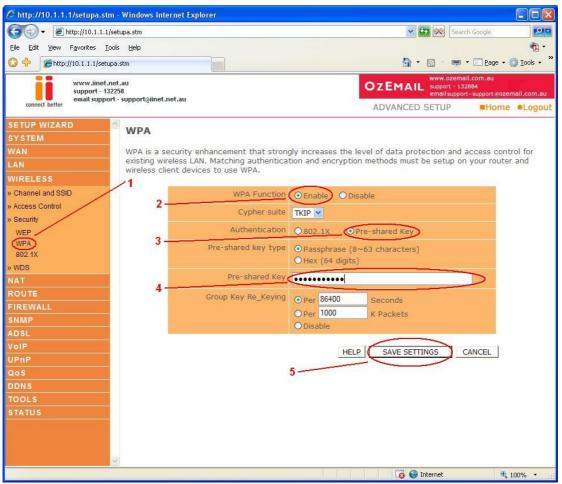
This is the 'key' that will be required to be entered on your wireless PC. When you setup your wireless adapter, it will ask you to type in a 'Network Key' or 'Encryption Key'.

10) 128 Bit WEP is now enabled.

Click here for information on how to connect to the Wireless Network.

WPA:-

- 1) Under Wireless click WPA
- 2) Click Enable for WPA Function
- 3) Authentication is Pre-Shared Key leave all other settings as default

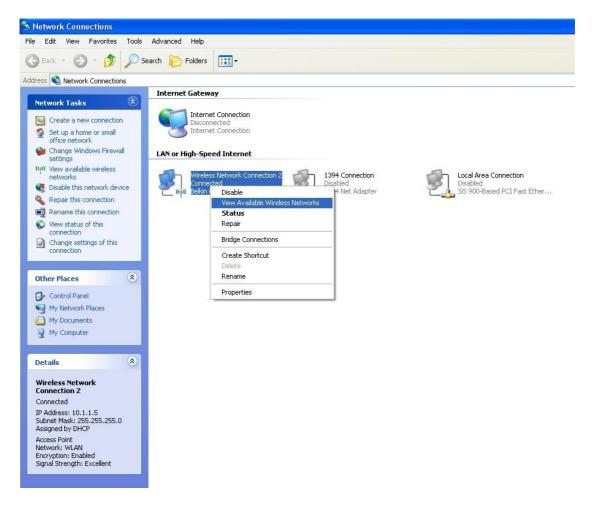


- 4) In the space provided in Pre-shared Key, create a password minimum of eight (8) characters, it can be any combination of numbers and letters
- 5) Click Save Settings
- 6) Now click WPA again
- 7) The password you created earlier is now your 'Network Key' or 'Encryption Key'. *This is the 'key' that will be required to be entered on your wireless PC.*
- 8) WPA is now enabled.

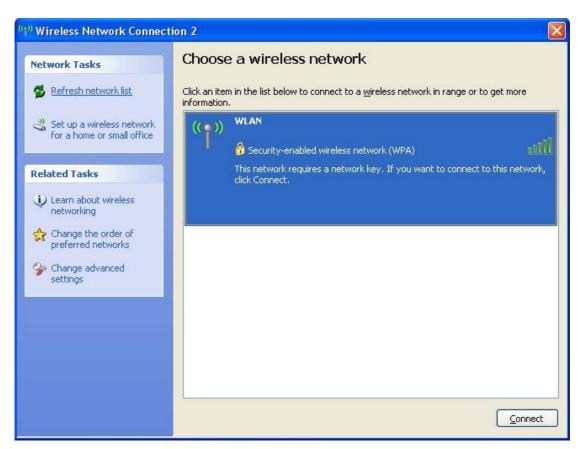
Click here for information on how to connect to the Wireless Network.

Connecting to the Wireless Network using Wireless Zero Configuration

- 1) If you are using a laptop or notebook with a built in wireless connection, make sure the Wireless Switch and/or Wireless Button on your computer is turned on. (Please refer to the documentation which came with your computer for further details)
- Open Control Panel, select Network Connections. (If you do not have Network Connections select Network and Internet Connections, then click Network Connections.)
- 3) Right click on Wireless Network Connection, select Properties
- 4) Click Wireless Networks, make sure there is a tick in 'Use Windows to configure my wireless network settings' and click OK.
- 5) Right click on Wireless Network Connection again and select View Available Wireless Networks



6) Select your network from the list and click Connect



- 7) If you have encryption enabled it will prompt you to enter your Network Key. In the Network Key field type in the network key you wrote down when setting up encryption in the router.
- 8) Re-enter the key next to Confirm Network Key and click Connect.

Wireless Network Con	nection 🛛 🔀
	es a network key (also called a WEP key or WPA key). A network n intruders from connecting to this network. :k Connect.
Network <u>k</u> ey:	•••••
Confirm network key:	•••••
	<u>Connect</u> Cancel

9) You should now be connected to your wireless network.

For further assistance setting up <u>non-Belkin</u> wireless cards (including laptops with built-in wireless) you will need to contact the appropriate manufacturer. If you required further assistance with a <u>Belkin Wireless Card</u>, please contact Belkin Technical Support on 1800 BELKIN.